

Stabilized telecommunication cable insulation compsn.

Patent number: CN1344418
Publication date: 2002-04-10
Inventor: LUPIA J A (CH); FAY J J (CH)
Applicant: CIBA SC HOLDING AG (CH)
Classification:
- **international:** H01B3/44; H01B3/44; (IPC1-7): H01B3/44
- **european:** H01B3/44B
Application number: CN20008005381 20000221
Priority number(s): US19990126100P 19990325;
US19990370293 19990809

Also published as:

- WO0058975 (A1)
- EP1171890 (A1)
- US6228495 (B1)
- EP1171890 (A0)
- CA2363375 (A1)

[more >>](#)

[Report a data error here](#)

Abstract not available for CN1344418

Abstract of correspondent: **WO0058975**

Polyolefin wire insulation in hydrocarbon grease filled telecommunications cable which is subsequently exposed in an outdoor interconnection box is especially vulnerable to the adverse conditions of heat, oxygen and moisture. The combination of one or more primary phenolic antioxidants selected from N,N'-hexane-1,6-diylbis-(3-(3,5-di-tert-butyl-4-hydroxyphenylpropionamide), tris(3,5-di-tert-butyl-4-hydroxybenzyl) isocyanurate and tris(2-(3,5-di-tert-butyl-4-hydroxydrocinnamoyloxy)ethyl)isocyanurate together with one or more alkyhydroxyphenylalkanoil hydrazine metal deactivators is very effective towards providing oxidative stability for polyolefin wire insulation under these conditions.

Data supplied from the **esp@cenet** database - Worldwide